

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1847' FEL & 1914' FSL

NW/SE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

19 miles South of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1914

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1200

19. PROPOSED DEPTH

5500

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

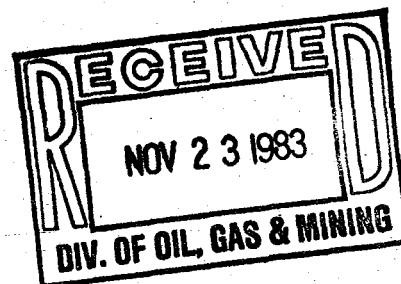
5704' GR

22. APPROX. DATE WORK WILL START*

February, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout-preventer program, if any.

24.

SIGNED

G. L. Pruitt

TITLE V.P. Drilling & Production

DATE

11/16/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

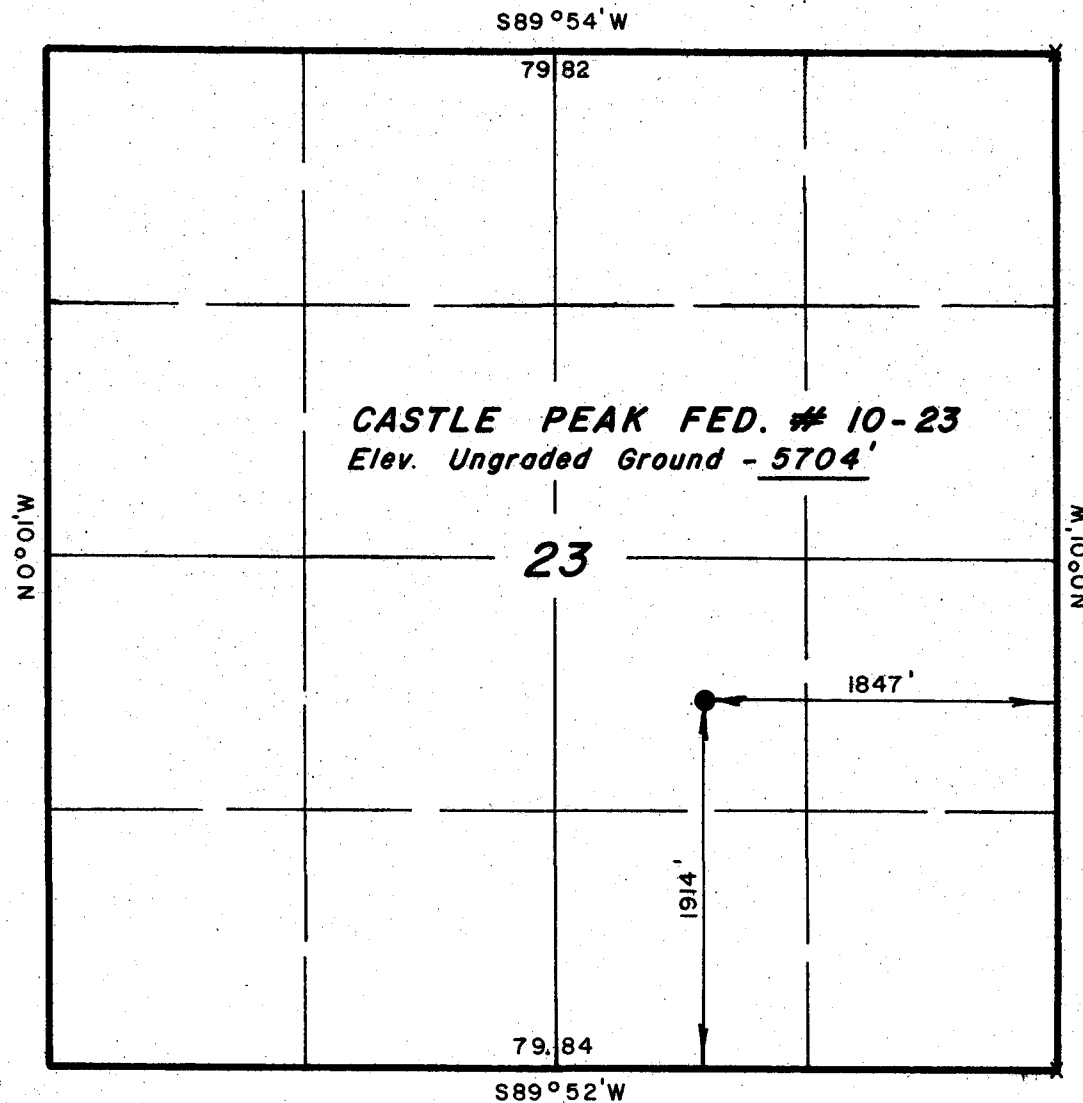
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CONDITIONS OF APPROVAL, IF ANY:

T 9 S, R 16 E, S.L.B.&M.

PROJECT
LOMAX EXPLORATION CO.

Well location, **CASTLE PEAK**
FED. #10-23, located as shown
in the NW 1/4 SE 1/4, Section 23,
T 9 S, R 16 E, S.L.B.&M. Duchesne
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	10/27/83
PARTY	R.K. J.F. SB	REFERENCES	GLO Plat
WEATHER	Fair	FILE	LOMAX

X = Section Corners Located

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Lomax Exploration Well No. 10-23
Location Sec. 23 T 9S R 16E Lease No. U-15855
Onsite Inspection Date 4-3-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

All travel will be confined to existing access road rights-of-way.

Location of Tank Batteries and Production Facilities:

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.

Tank batteries will be placed on the south end of the location.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Construction material will be located on lease.

Methods of Handling Waste Disposal:

The reserve pit will not be lined.

Burning will not be allowed. All trash must be contained and disposed of by a trash cage and hauled to the nearest sanitary landfill.

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

Ancillary Facilities:

Camp facilities will not be required.

The stockpiled topsoil will be stored on the north and southwest ends of the location.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the amount of seed should be proportionately larger to total 14 pounds per acre.

The following seed mixture will be used:

Oryzopsis hymenoides	1 lb/acre
Agropyron cristatum	1 lb/acre
Poa secunda	1 lb/acre
Kochia prostrata	2 lbs/acre
Atriplex confertifolia	2 lbs/acre
Ceratoides lanata	2 lbs/acre
Total	<u>9 lbs/acre</u>

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Move the location 50' south and rotate 90 degrees clockwise.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed the Application for Permit to Drill for technical adequacy and concur with the down hole portion of the request providing the following stipulations are included as a part of the approval:

1. Double Ram Hydraulic BOP's will be pressure tested to a minimum of 2,100 psi. Hydril Bag type BOP will be pressure tested to a minimum of 1,500 psi.
2. Cement top for the long string will be at least to the top of the Green River formation.
3. Logs will be run through the Mahogany zone for oil shale.

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY
Castle Peak Federal #10-23
NW/SE Section 23, T9S, R16E
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 - 3165
Green River	3165
Wasatch	6205

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River	4890 - Oil
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4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'
5 1/2", J-55, 17#; set at TD
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H₂S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately February, 1984.

LOMAX EXPLORATION

13 Point Surface Use Plan

For

Well Location

Castle Peak Fed. #10-23

Located In

Section 23, T9S, R16E, S.L.B. & M.

Duchesne County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Castle Peak Fed. #10-23 located in the NW 1/4 SE 1/4 Section 23, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 1.6 miles + to the Junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 10.3 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 4.7 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 0.4 miles to the Junction of this road and the proposed access road (to be discussed in item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to a point where Highway 216 exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in, and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the NE 1/4 SE 1/4 Section 23, T9S, R16E, S.L.B. & M., and proceeds in a Westerly direction approximately 1,000' + to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this access road.

There will be no turnouts required along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. LOCATION OF EXISTING WELLS

There are approximately four known producing wells within a one mile radius of this location site and one abandoned well (See Topographic Map "B"). There are also numerous other wells, the exact location of which are not known to us.

There are no known water wells, shut-in wells for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are approximately three existing LOMAX EXPLORATION wells within a one mile radius of this location site. These locations have the following production facilities - two 400 barrel tanks, line heaters, pumping units and heater traces.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck from a private water source that is indicated on Topo. Map "A".

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be

stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 19 miles to the Southeast of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

LOMAX EXPLORATION
Castle Peak Fed. #10-23
Section 23, T9S, R16E, S.L.B. & M.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Castle Peak Fed. #10-23 is located approximately 3.0 miles North of Big Wash a non-perennial drainage which runs to the East.

The terrain in the vicinity of the location slopes from the Southwest through the location site to the Northeast at approximately 4.0% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt
LOMAX EXPLORATION
333 North Belt East , Ste. 880
Houston, TX 77060

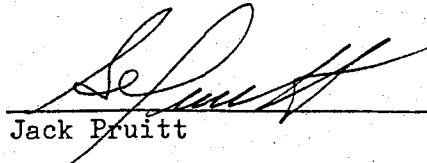
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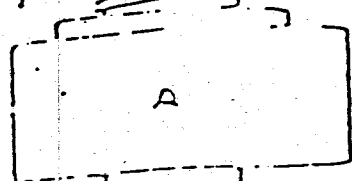
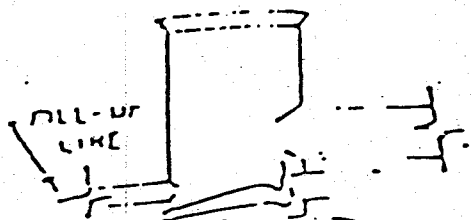
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

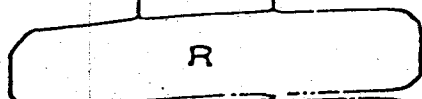
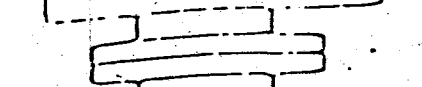
Date

11/17/83

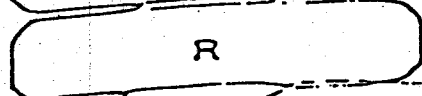

Jack Pruitt



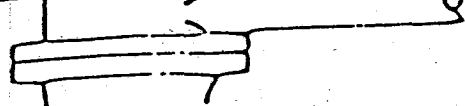
Shaffer Spherical
10" 900



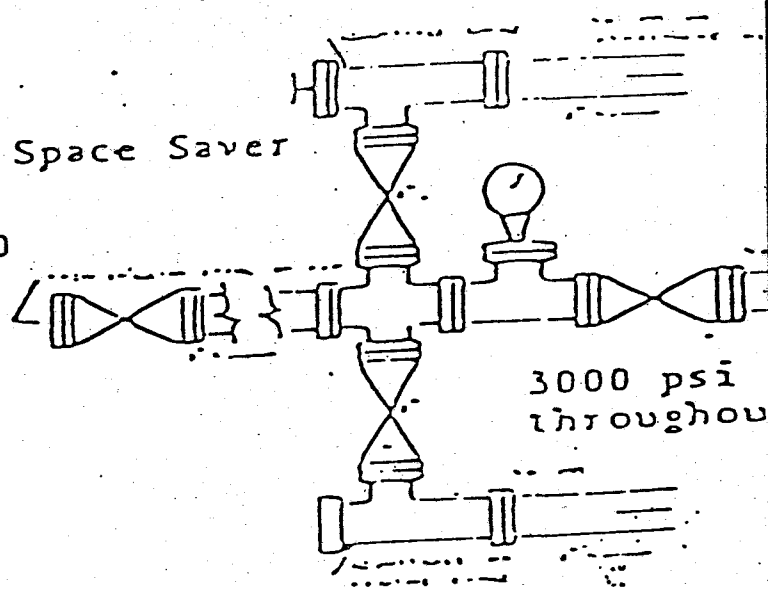
Cameron Space Saver



10" 900

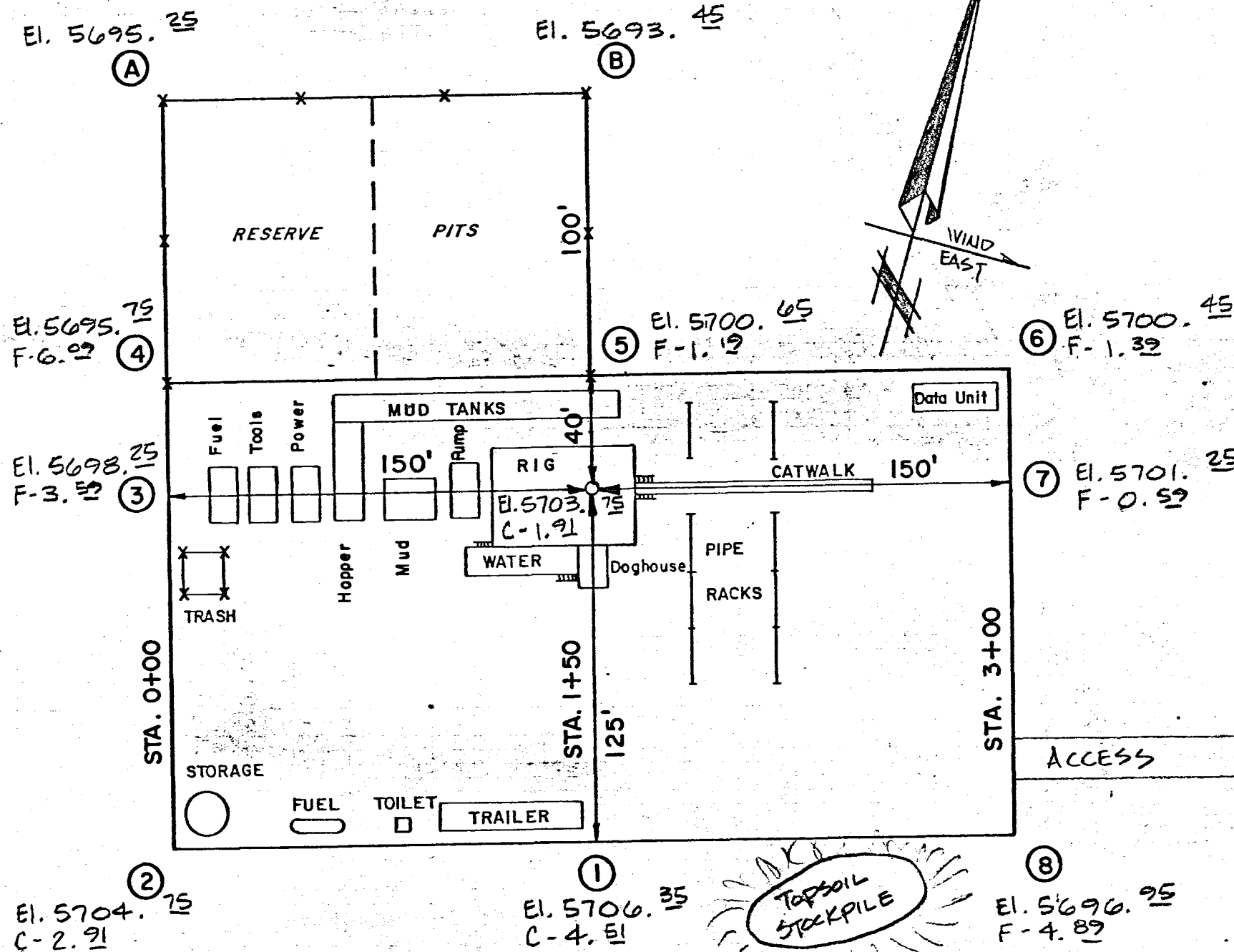


Colinghead



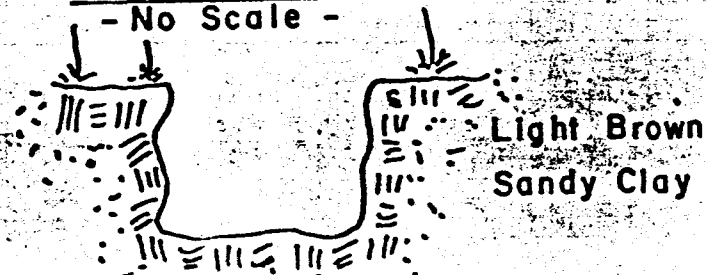
LOMAX EXPLORATION

SCALE: 1" = 50'
DATE: 10/28/83



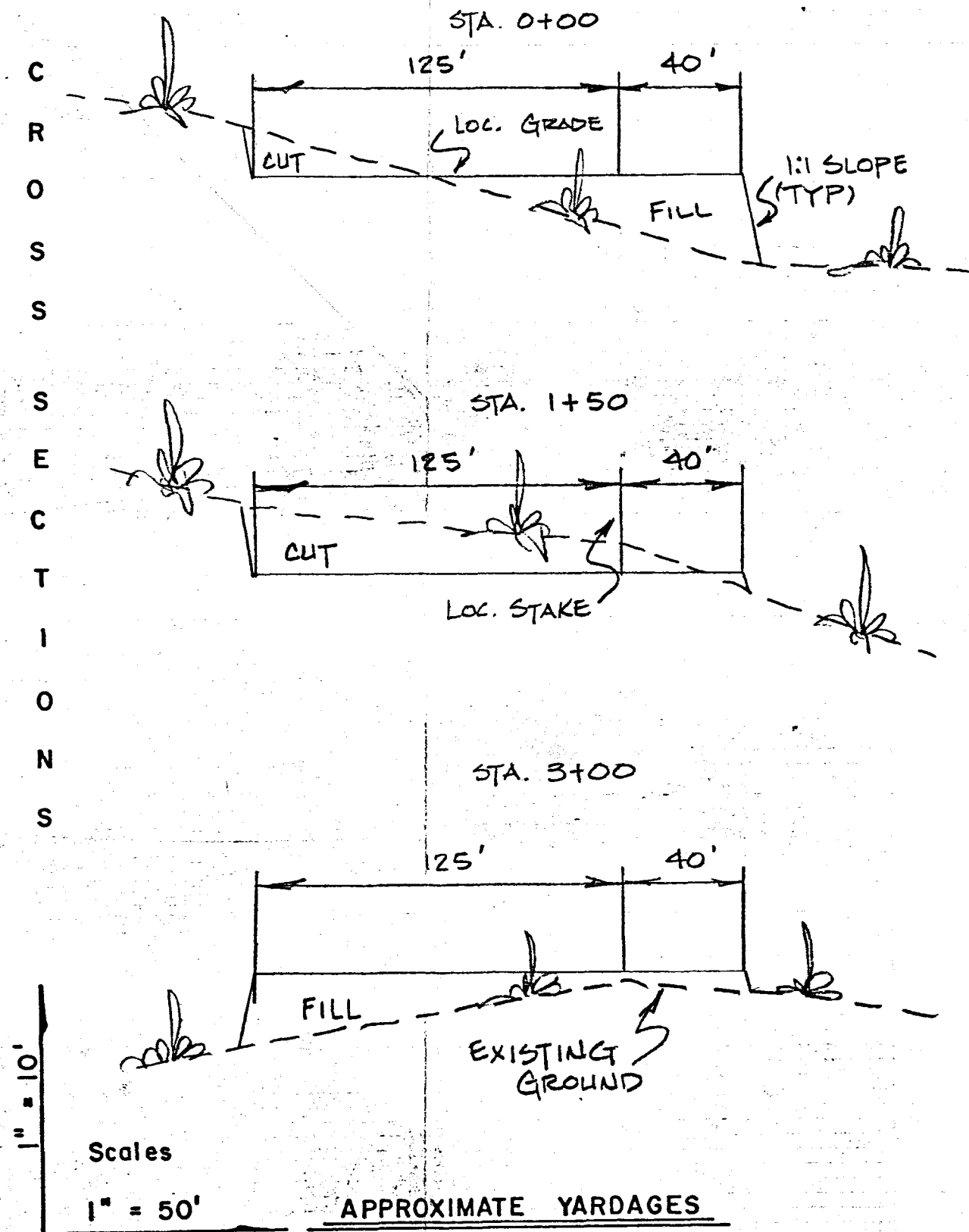
SOILS LITHOLOGY

- No Scale -



CASTLE PEAK FED. #10-23

LOCATION LAYOUT & CUT SHEET



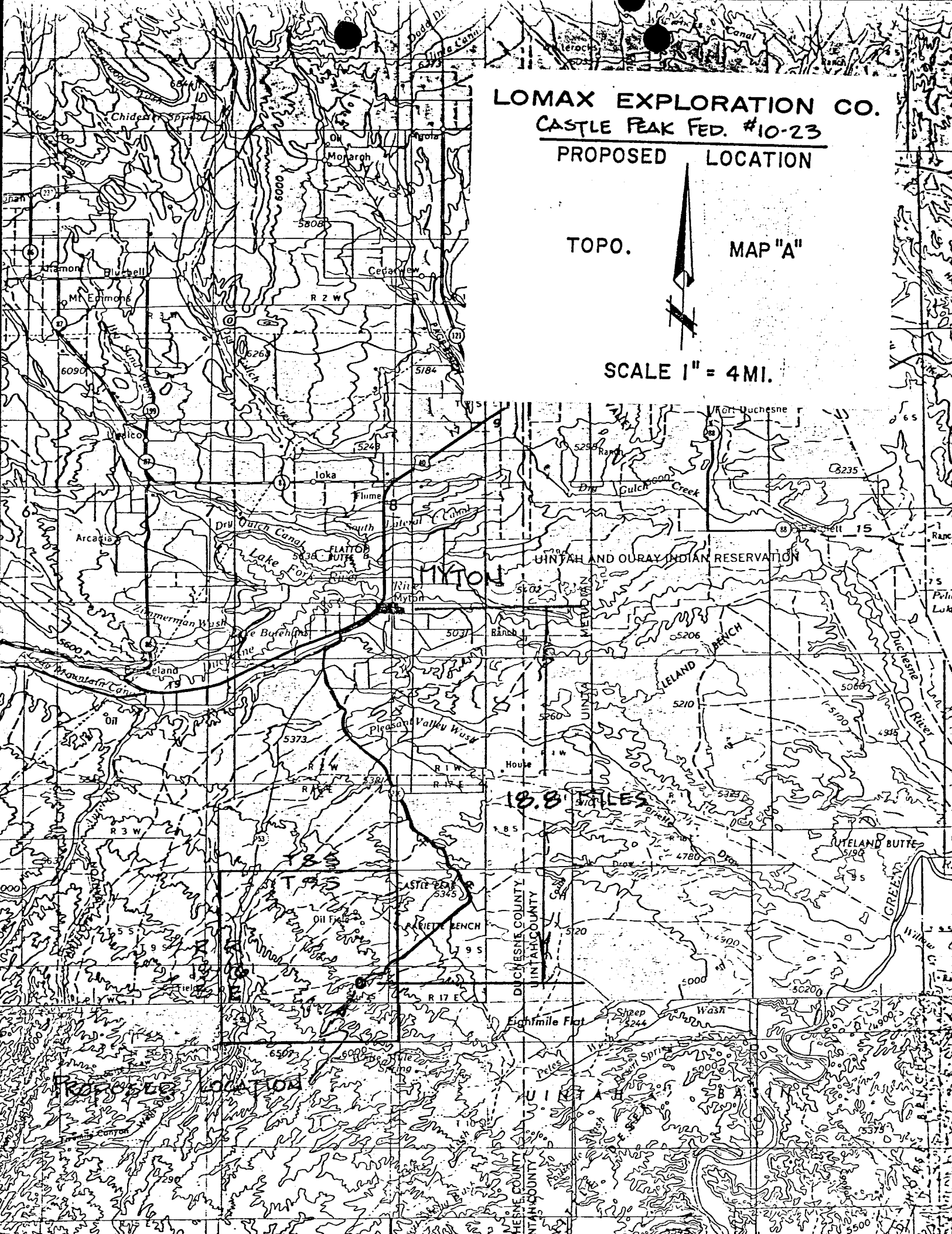
Cubic Yards Cut - 2,672
Cubic Yards Fill - 2,223
LOSSES AT 20% - 445
UNBALANCE OF 4.34 CU YDS CUT

LOMAX EXPLORATION CO.
CASTLE PEAK FED. #10-23
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



LOMAX EXPLORATION CO.
CASTLE PEAK FED #10-23
PROPOSED LOCATION

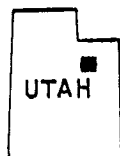
TOPO.

MAP "B"

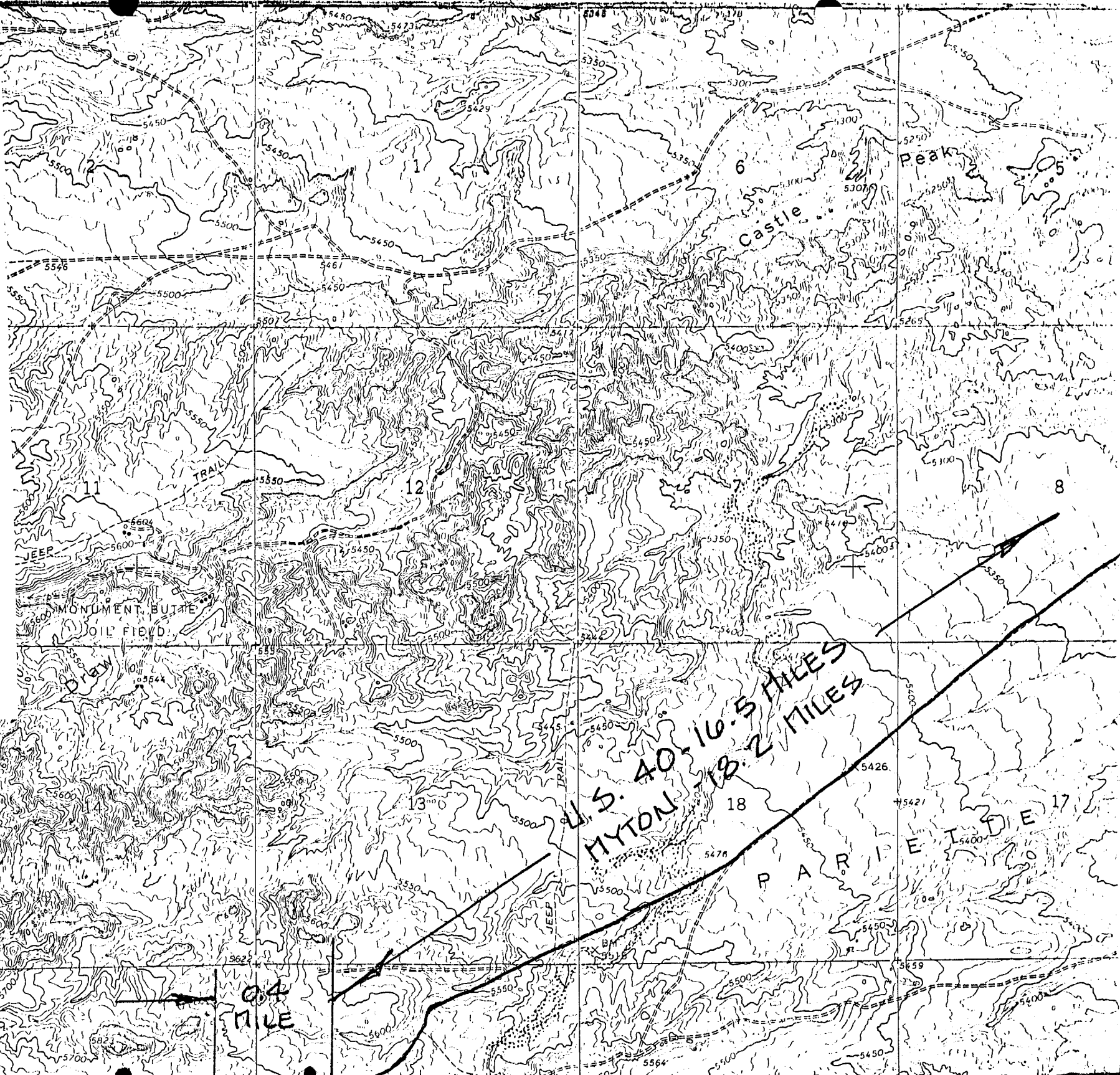
SCALE 1" = 2000'

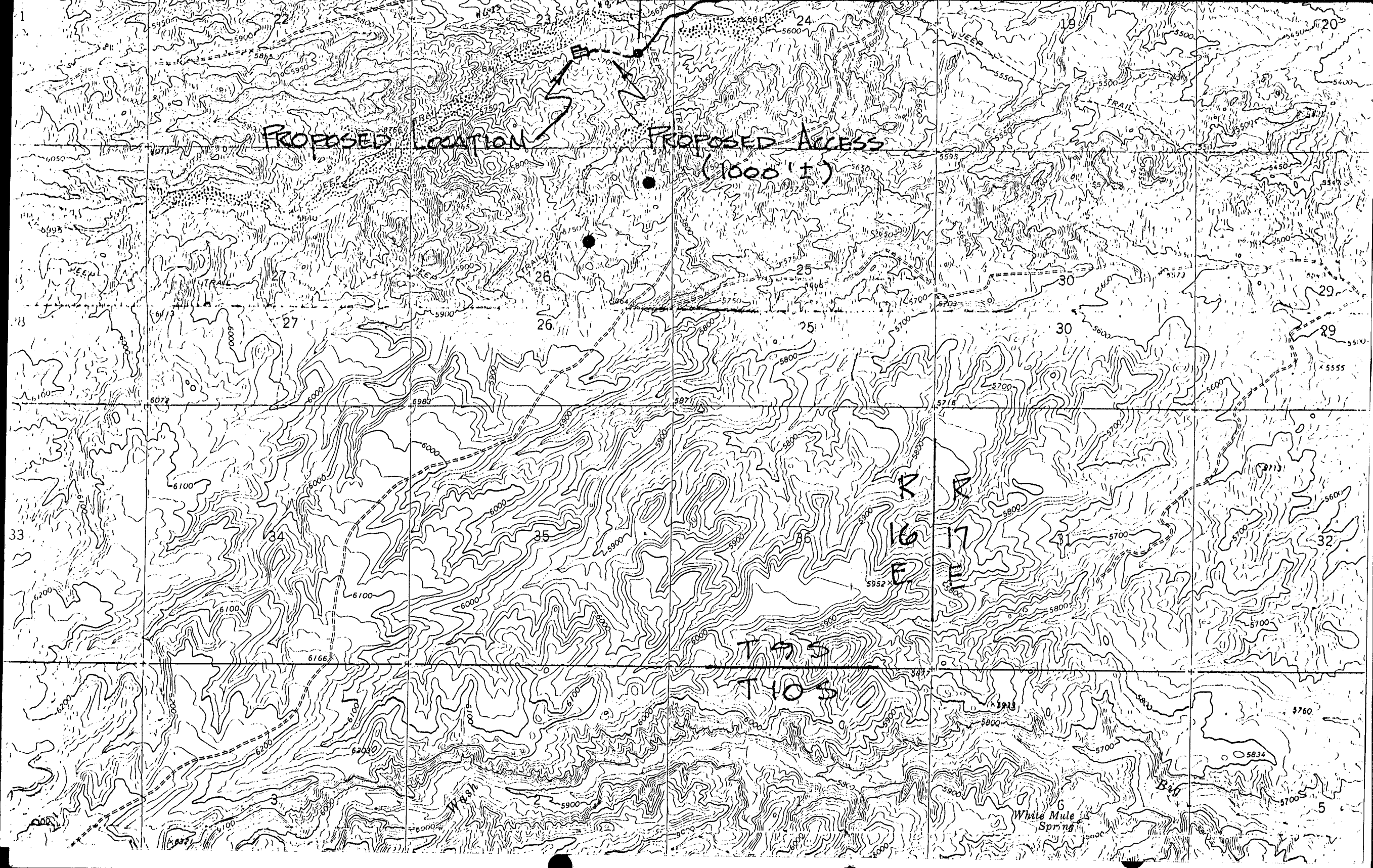
ROAD CLASSIFICATION

Light duty road, all weather, Unimproved road fair or dry
improved surface weather =====



QUADRANGLE LOCATION





PROPOSED LOCATION

PROPOSED ACCESS
(1000' ±)

RILEY

TOS

White Mule Spring

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

47-1675

NOTE:--The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☒ Domestic ☐ Stockwatering ☒ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒

2. The name of the applicant is Joe Shields

3. The Post Office address of the applicant is Myton, Utah 84052

4. The quantity of water to be appropriated .015 second-feet and/or _____ acre-feet

5. The water is to be used for Stockwatering & Other from Jan. 1 to Dec. 31

(Major Purpose) (Month) (Day) (Month) (Day)

other use period Irrigation from Apr. 1 to Oct. 31

(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from _____ to _____

(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is _____

(Leave Blank)

7. The direct source of supply is* Drain

(Name of stream or other source)

which is tributary to _____

, tributary to _____

*Note.--Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point* West 400 ft. South 200 ft. from E $\frac{1}{4}$ Cor. Sec. 15, T4S, R2W, USB&M

(3 $\frac{1}{2}$ Miles SW of Myton)

Myton Road

*Note.--The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a collection Ditch to place of use

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____

area inundated in acres _____ legal subdivision of area inundated _____

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15, T4S, R2W, USB&M

Total .25 Acres

12. Is the land owned by the applicant? Yes X No _____ If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes _____ No X

If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity.

15. If application is for mining, the water will be used in _____ Mining District at the _____ mine, where the following ores are mined _____

16. If application is for stockwatering purposes, number and kind of stock watered 320 Cattle in NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15, T4S, R2W, USB&M

17. If application is for domestic purposes, number of persons _____, or families _____

18. If application is for municipal purposes, name of municipality _____

19. If application is for other uses, include general description of proposed uses Oil Field

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. used in Myton Oil field in Pleasant Valley

21. The use of water as set forth in this application will consume .015 second-feet and/or acre-feet of water and None second feet and/ or acre feet will be returned to the natural

stream or source at a point described as follows: _____

POOR COPY

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Lined area for explanatory text.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

John A. ...
Signature of Applicant*

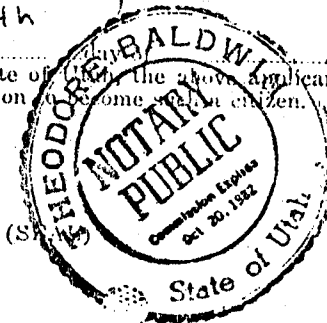
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, Vintah }
County of 10th } SS

On the 10th day of May, 1982, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become a citizen.

My commission expires:



Theodore Baldwin
Notary Public

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

RECEIVED
MAY 18 1982
WATER DIVISION

Flow rate — c.f.s.	Cost
0.0 to 0.1	\$ 15.00
over 0.1 to 0.5	30.00
over 0.5 to 1.0	45.00
over 1.0 to 15.0	45.00 plus \$7.50 for each cfs above the first cubic
over 15.0	150.00 foot per second.

Storage — acre-feet	
0 to 20	22.50
over 20 to 500	45.00
over 500 to 7500	45.00 plus \$7.50 for each 500 a.f. above the first
over 7500	150.00 500 acre feet.

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. May 10, 1982 Application received by mail over counter in State Engineer's office by 7MB
2. Priority of Application brought down to, on account of
3. 5/14/82 Application fee, \$ 15.00, received by A.A. Rec. No. 13745
4. 5-26-82 Application microfilmed by A.N. Roll No. 987-2
5. 5/18/82 Indexed by A.A. Platted by
6. May 10, 1982 Application examined by 7MB
7. Application returned, or corrected by office
8. Corrected Application resubmitted by mail over counter to State Engineer's office.
9. May 10, 1982 Application approved for advertisement by 7MB
10. JUL 15 1982 Notice to water users prepared by WW 5.6.
11. JUL 22 1982 Publication began; was completed AUG 5 1982
Notice published in Utah Daily Courier
12. Proof slips checked by
13. Application protested by
14. 8/20/82 Publisher paid by M.E.V. No. 031023
15. Hearing held by
16. Field examination by
17. 9-10-82 Application designated for approval rejection WW 5.6.
18. 9/24/82 Application copied or photostated by S.L.F. proofread by
19. 9/24/82 Application approved rejected
20. Conditions:
This Application is approved, subject to prior rights, as follows:
a. Actual construction work shall be diligently prosecuted to completion.
b. Proof of Appropriation shall be submitted to the State Engineer's office by 6/30/86.
c.
21. Time for making Proof of Appropriation extended to
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

Earl M. Staker

For Dee C. Hansen, P.E., State Engineer

Application No. 57707

OPERATOR

Lomax

DATE

11/28/83

WELL NAME

Castle Peak Federal #10-23

SEC

NWSE 23

T

9S

R

16E

COUNTY

Duch.43-013-30875

API NUMBER

Federal

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NLD

☐☐

PI

PROCESSING COMMENTS:

NO OIL WELLS WITHIN 1000'WATER # 47-1675APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 11-29-83BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

11/30/83

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

- ☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- ☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION
- ☒ VERIFY ADEQUATE AND PROPER BONDING
- ☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- ☒ APPLY SPACING CONSIDERATION

☐ ORDER _____

☐ UNIT _____

☒ c-3-b

☐ c-3-c

- ☒ CHECK DISTANCE TO NEAREST WELL.
- ☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- ☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- ☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
- ☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 30, 1983

Lomax Exploration Company
P. O. Box 4503
Houston, Texas 77210

RE: Well No. Castle Peak Fed. 10-23
NWSE Sec. 23, T. 9S, R. 16E
1914' FSL, 1847' FEL
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30875.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals
Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1847' FEL & 1914' FSL NW/SE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

19 miles South of Myton, Utah

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1914

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1200

19. PROPOSED DEPTH

5500

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5704' GR

22. APPROX. DATE WORK WILL START*

February, 1984

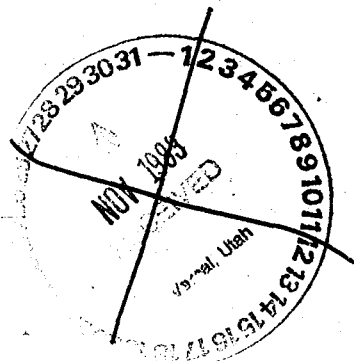
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required

RECEIVED

APR 19 1984

DIVISION OF OIL
GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

G. L. Pruitt

TITLE V.P. Drilling & Production

DATE 11/16/83

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVAL DATE
DISTRICT MANAGER

DATE

9/15/84

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

*See Instructions On Reverse Side

U-080-9-M-076
State Oil, Gas & Mining

DIVISION OF OIL, GAS AND MINING

43-013-30875

SPODDING INFORMATIONNAME OF COMPANY: LOMAXWELL NAME: CASTLE PEAK FEDERAL 10-23SECTION NWSE 23 TOWNSHIP 9S RANGE 16E COUNTY DUCHESNEDRILLING CONTRACTOR RAM DRILLINGRIG # SPUDDED: DATE 10-11-84TIME 11:00 AMHOW DRY HOLEDRILLING WILL COMMENCE OLSEN #5, 10-17-84, 13" to 300'REPORTED BY CHERYLTELEPHONE # 801 722-5103DATE 10-12-84 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-15855
2. NAME OF OPERATOR Lomax Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 4503 Houston, Texas 77210		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1847' FEL & 1914' FSL NW/SE		8. FARM OR LEASE NAME Caslte Peak Federal
14. PERMIT NO. API# 43-013-30875		9. WELL NO. #10-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5704' GR		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA Sec. 23, T9S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Spud <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

10/12/84: Spud w/ dry hole rig @ 11:00 AM 10/11/84 w/ Ram Drlg.
Ran 7 jts 8 5/8" 24# J-55 csg. Landed @ 285' GL.
Cemented w/ 210 sx Class G + 2% CaCl + 1/4#/sk flocele.
Cement to surface.

10/19/84: Spud @ 4:30 PM w/ Olsen #5.

RECEIVED
OCT 24 1984
DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED J.R. Schaefer J.R. Schaefer TITLE District Manager DATE 10/22/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

October 22, 1984

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078

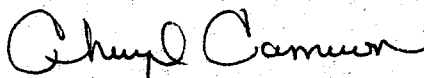
Castle Peak Federal #10-23
NW/SE Sec. 23, T9S, R16E
Duchesne County, Utah
Sundry Notice
API# 43-013-30875

Gentlemen:

Please find enclosed the original and two (2) copies of
the Sundry Notice on the subject well.

Please advise if additional information is required.

Sincerely,



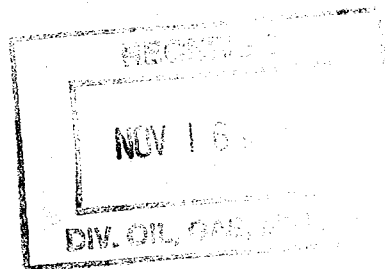
Cheryl Cameron
Secretary, Drilling & Completion

cc
Enclosures (3)

cc: State of Utah
Division of Oil & Gas
4241 State Office Building
Salt Lake City, Utah 84114



November 12, 1984



Bureau of Land Management
170 South 5 East
Vernal, Utah 84078

Castle Peak Federal #10-23
Sec. 23, T9S, R16E
Duchesne County, Utah
API# 43-013-30875

Gentlemen:

Please find enclosed the original and two (2) copies of the Sundry Notice of a replacement rig for the subject well.

Please advise if additional information is required.

Sincerely,

Cheryl Cameron
Secretary, Drilling & Completion

cc
Enclosures (6)

cc: State of Utah
4241 State Office Building
Salt Lake City, Utah 84114

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

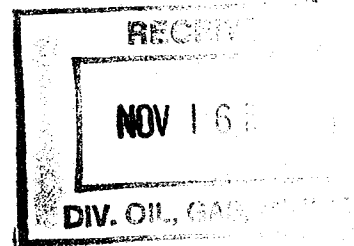
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-15855
2. NAME OF OPERATOR Lomax Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 4503 Houston, Texas 77210		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1847' FEL & 1914' FSL NW/SE		8. FARM OR LEASE NAME Castle Peak Federal
14. PERMIT NO. API# 43-013-30875		9. WELL NO. #10-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5704' GR		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T9S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Completion <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A rig replacement will be used in the completion operations of the subject well. Anticipated starting date for completion will be 11/11/84.



18. I hereby certify that the foregoing is true and correct

SIGNED J.R. Schaefer TITLE District Manager DATE 11/11/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ORAL APPROVAL TO PLUG AND ABANDON WELL

well file

Operator Lomax Representative Jim Schaeffer
Castle Peak Field
 Well No. 10-23 Location 1/4 1/4 Section 23 Township 9S Range 16 E
 County Hartshorn ~~Ducharme~~ Field _____ State _____

Unit Name and
 Required Depth _____ Base of fresh water sands _____

T.D. 5430 Size hole and Fill per sack _____ " _____ Mud Weight _____
 ' and Top _____ #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>5 1/2</u>	<u>TD</u>	_____	_____	<u>① 4450</u>	<u>4650</u>	_____
<u>8 5/8</u>	<u>300</u>	_____	_____	<u>② 3550</u>	<u>3750</u>	_____
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>③ 200</u>	<u>400</u>	_____
_____	_____	_____	_____	<u>④ 25</u>	<u>8x surface</u>	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

REMARKS

DST's, lost circulation zones, water zones, etc., _____

Perfs 4836-89, 4562-84, 3658-85

Approved by JRB Date 11/28/84 Time 1530 a.m.
 p.m.

- Will do work tomorrow morning.

RECEIVED
DEC 12 1984

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☒ Other _____

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIVISION OF OIL, GAS & MINING P & A

2. NAME OF OPERATOR
Lomax Exploration Company

3. ADDRESS OF OPERATOR
50 W. Broadway #1200, Salt Lake City, Utah 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1847' FEL & 1914' FSL NW/SE
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
U-15855

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Peak Federal

9. WELL NO.
#10-23

10. FIELD AND POOL, OR WILDCAT
Undesignated Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 23, T9S, R16E

14. PERMIT NO. 43-013-30875 DATE ISSUED 11/30/83

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 10/19/84 16. DATE T.D. REACHED 10/27/84 17. DATE COMPL. (Ready to prod.) 12-1-84 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5704' GR 19. ELEV. CASINGHEAD N/A

20. TOTAL DEPTH, MD & TVD 5430' 21. PLUG, BACK T.D., MD & TVD 5380' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Plug & Abandoned 12/1/84 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/VDL/GR OLL CON 27. WAS WELL CORRED. No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	285 GL	13"	210 sx C1 G + 2% CaCl + 1/4#	/sk flocele
5 1/2"	17#	5427' KB	7 7/8"	100 sx Lodense & 300 sx Gypseal	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (Interval, size and number)

3658'-85"	(1 JSPF)	
4562'-68'	(1 JSPF)	
4578'-84'	(1 JSPF)	
4835'-40'	(1 JSPF)	4883'-88' (1 JSPF)
4848'-50'	(1 JSPF)	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	28,050 gal KCL wtr & 98,000# 20/40 sd.

33. PRODUCTION

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) P & A WELL STATUS (Producing or shut-in) P & A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) N/A TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Dual Laterolog, Cement Bond Log, Compensated Density/Neutron Log

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Production Technician DATE 12-11-84

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	HEAD. DEPTH	TOP
						TRUE VERT. DEPTH
Garden Gulch	3613	3621	No Cores or DST's taken	Garden Gulch	3150	
	3656	3685		Point Three	3761	
	4133	4154		"X" Carbonate	4072	
	4561	4584		"Y" Carbonate	4120	
				Douglas Creek	4384	
				"C" Sand	4554	
				"B" Limestone	4720	
				Lower Douglas Creek	4906	
				Black Shale	5172	
				Facies		
				Castle Peak	5237	
				Limestone		

Lomax



Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078

December 7, 1984

RECEIVED
DEC 12 1984

DIVISION OF
OIL, GAS & MINING

Castle Peak Federal #10-23
NW/SE Sec. 23, T9S, R16E
Duchesne County, Utah
API# 43-013-30875

Gentlemen:

Enclosed is a Sundry Notice for P & A on the subject well.

Please advise if additional information is required.

Sincerely,

Cheryl Cameron
Secretary, Drilling & Completion

cc
Enclosures (6)

cc: State of Utah
Natural Resources
Oil Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-15855

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Castle Peak Federal

9. WELL NO.

#10-23

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T9S, R16E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 4503 Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1847' FEL & 1914' FSL NW/SE

14. PERMIT NO.

API# 43-013-30875

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5704' GR

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11/30/84: Set Class G + 2% CaCl cement plug @ 4450'-4650' (25 sx)
3550'-3750' (25 sx)

12/1/84: Set Class G + 2% CaCl cement plug 400' - surface.(50 sx)
Pumped 65 sx Class G + 2% CaCl cement plug down 8 5/8" x 5 1/2"
csg annulus.

12/6/84: Set dry hole marker. Location to be restored.

18. I hereby certify that the foregoing is true and correct

SIGNED

J.R. Schaefer TITLE District Manager

DATE 12/7/84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12/19/84

BY: John R. Baga

*See Instructions on Reverse Side

LOMAX



December 10, 1984

RECEIVED
DEC 12 1984

Bureau of Land Management

P.O. Box 1037

170 South 500 East

Vernal, UT 84078

DIVISION OF
OIL, GAS & MINING

COMPLETION REPORT

Castle Peak Federal #10-23

NW/SE Sec. 23, T2S, R16E

Gentlemen:

Please find enclosed two (2) copies of the Completion Report on the above subject well. Also enclosed are two (2) copies of the Dual Laterolog, the Compensated Density/Neutron Log and the Cement Bond Log.

Please note this well was plugged and abandoned on 12/1/84.

If you have any questions, please advise.

Very truly yours,

LOMAX EXPLORATION COMPANY

Jodie S. Faulkner

Production Technician

JSF/hnw

Enclosures

cc: ✓ State of Utah

Lomax Exploration Company

Houston, TX

and

Roosevelt, UT

MIX# 7781 FOR LOMAX C.P. FED 10-23*
PURE SEED % GERM/ORIGIN
25.89 SHADSCALE TZ46/NM
18.46 RUSSAIN WILD RYE 92/MT
18.10 EPHRAIM CRESTED WHEATGRASS 94/WA
10.46 WINTERFAT 65/UT
7.54 'NOMAD' ALFALFA 9+81/ID
5.58 NEEDLE AND THREAD GRASS TZ98/NE
6.72 OTHER CROP TESTED: 8-86
7.22 INERT MATTER NOX WEED: NONE
.03 WEED SEED HARD SEED: .68/#

NET WEIGHT: 29.41# BULK
21.00# PLS

Native Plants, Inc.
1697 West 2100 North
Lehi, Utah 84043
(801) 786-4422

RECEIVED
NOV 05 1987

Lomax



October 30, 1987

110907

PA

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

RE: Castle Peak Federal #10-23
NW/SE Sec. 23, T9S, R16E
Duchesne County, Utah
API# 43-013-30875

Gentlemen:

Location and right-of-way has been restored and seeded as per your specifications. Enclosed are the seed mixture and amounts used. The seed was planted with a drill and completed on October 9, 1987.

Sincerely,

Bill K. Myers
Production Superintendent

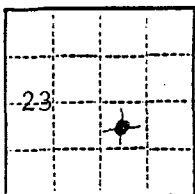
Enclosures (1)

BKM/kj

cc: John Steuble
Lomax Exploration
Salt Lake City, Utah 84101

State of Utah
Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
NOV 05 1987

Form 9-598
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 23
T. 9S
R. 16E
SLB & Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date April 13, 1984

Ref. No. _____

Land office Utah State Utah
Serial No. U-15855 County Duchesne
Lessee Black Hawk Resources et al Field Castle Peak Federal
Operator Lomax Exploration Co. District Vernal
Well No. 10-23 Subdivision NW SE
Location 1847' FEL & 1914' FSL

Drilling approved April 13, 19 84 Well elevation 5704' GR feet
Drilling commenced October 11, 1984 Total depth 5,430'; PB sfc _____ feet
Drilling ceased October 27, 1984 Initial production none
Abandoned
Completed for production Dec, 19 84 Gravity A. P. I. _____
FAN
Abandonment approved October 12, 1993 Initial R. P. _____

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
<u>Uinta</u>	<u>Wasatch</u>	<u>None</u>		

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1984									P&A SPUD	<u>SPUD</u>		<u>ABD</u> BLA
1993										<u>P&A</u>		

REMARKS Geologic markers - see well file
P&A'd

RECEIVED

OCT 22 1993